

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/383,318DATE: 02/28/2000
TIME: 16:23:41

Input Set: I383318.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

ENTERED

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1 <110> APPLICANT: Belghuith, Karima Srih
2 Mezghani, Monia
3 Ellouz, Radhouane
4 Bejar, Samir
5 <120> TITLE OF INVENTION: Polypeptides Having Glucose Isomerase
6 Activity and Nucleic Acids Encoding Same
7 <130> FILE REFERENCE: 6004.200-US
8 <140> CURRENT APPLICATION NUMBER: US/09/383,318
9 <141> CURRENT FILING DATE: 1999-08-26
10 <150> EARLIER APPLICATION NUMBER: 99.100
11 <151> EARLIER FILING DATE: 1999-05-26
12 <160> NUMBER OF SEQ ID NOS: 2
13 <170> SOFTWARE: FastSEQ for Windows Version 3.0
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15 <211> LENGTH: 1546
16 <212> TYPE: DNA
17 <213> ORGANISM: Strptomyces
18 <400> SEQUENCE: 1
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21 ctatgccggg cctgtgggcc ccgggggtgcg gacccggccc ggcccgtttc tgcctccgcg 180
22 ttcccttccc agggacgcgc tcggcatact aatttgtaaa tcgcccgtgac gaaatagtcg 240
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PAGE: 2

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47 <212> TYPE: PRT
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53 20 25 30
54 Ala Leu Asp Pro Val Asp Val Gln Arg Leu Ala Glu Leu Gly Ala Tyr
55 35 40 45
56 Gly Val Thr Phe His Asp Asp Asp Leu Ile Pro Phe Gly Ala Ser Asp
57 50 55 60
58 Thr Glu Arg Glu Ala His Val Lys Arg Phe Arg Gln Ala Leu Asp Ala
59 65 70 75 80
60 Thr Gly Met Thr Val Pro Met Ala Thr Thr Asn Leu Phe Thr His Pro
61 85 90 95
62 Val Phe Lys Ala Gly Ala Phe Thr Ala Asn Asp Arg Ala Val Arg Arg
63 100 105 110
64 Tyr Ala Leu Arg Lys Thr Ile Arg Asn Ile Asp Leu Ala Val Glu Leu
65 115 120 125
66 Gly Ala Lys Val Tyr Val Ala Trp Gly Gly Arg Glu Gly Ala Glu Ser
67 130 135 140
68 Gly Ala Ala Lys Asp Val Arg Ala Ala Leu Asp Arg Met Lys Glu Ala
69 145 150 155 160
70 Phe Asp Leu Leu Gly Glu Tyr Val Thr Ser Gln Gly Tyr Asp Ile Arg
71 165 170 175
72 Phe Ala Ile Glu Pro Lys Pro Asn Glu Pro Arg Gly Asp Ile Leu Leu
73 180 185 190
74 Pro Thr Ile Gly His Ala Leu Ala Phe Ile Glu Arg Leu Glu Arg Pro
75 195 200 205
76 Glu Leu Tyr Gly Val Asn Pro Glu Val Gly His Glu Gln Met Ala Gly
77 210 215 220
78 Leu Asn Phe Pro His Gly Ile Ala Gln Ala Leu Trp Ala Gly Lys Leu
79 225 230 235 240
80 Phe His Ile Asp Leu Asn Gly Gln Ser Gly Ile Lys Tyr Asp Gln Asp
81 245 250 255
82 Leu Arg Phe Gly Ala Gly Asp Leu Arg Ala Ala Phe Trp Leu Val Asp
83 260 265 270
84 Leu Leu Glu Ser Ala Gly Trp Glu Gly Pro Arg His Phe Asp Phe Lys
85 275 280 285
86 Pro Pro Arg Thr Glu Asp Ile Asp Gly Val Trp Ala Ser Ala Ala Gly
87 290 295 300
88 Cys Met Arg Asn Tyr Leu Ile Leu Lys Glu Arg Ala Ala Ala Phe Arg
89 305 310 315 320
90 Ala Asp Pro Glu Val Gln Glu Ala Leu Arg Ala Ala Arg Leu Asp Gln
91 325 330 335
92 Leu Ala Glu Pro Thr Ala Ala Asp Gly Leu Gln Ala Leu Leu Ala Asp
93 340 345 350
94 Arg Thr Ala Tyr Glu Asp Phe Asp Val Asp Ala Ala Ala Arg Gly Met

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PAGE : 3

DATE: 02/28/2000
TIME: 16:23:41

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95          355          360          365
96      Ala Phe Glu Arg Leu Asp Gln Leu Ala Met Asp His Leu Leu Gly Ala
97          370          375          380
98      Arg Gly
99      385

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PAGE: 4

VERIFICATION SUMMARY
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Line ? Error/Warning

Original Text
